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APPROVED	O.G. FIG.	
	CLASS	SUBCLASS
BY	DRAFTSMAN	

10 30
 atgaaaaagctgataaccgcagacgacatcacagcgattgtctctgtg
 M K K L I T A D D I T A I V S V

50 70 90
 accgatcctcaatacgcgccagacgggtaccggtgccgcatatgtaaaa
 T D P Q Y A P D G T R A A Y V K

110 130
 tcacaagtaaatcaagagaaagattcgtatacatcaaatatatggatc
 S Q V N Q E K D S Y T S N I W I

150 170 190
 tatgaaacgaaaacgggaggatctgttccttgacacatggagaaaag
 Y E T K T G G S V P W T H G E K

210 230
 cgaagcaccgacccaagatggtctccggacgggcgacgcttgccctt
 R S T D P R W S P D G R T L A F

250 270 2
 atttctgatcgagaaggcgatgcggcacagctttatatcatgagcact
 I S D R E G D A A Q L Y I M S T

90 310 330
 gaaggcgggagaagcaagaaaaactgactgatatcccatatggcgtgtca
 E G G E A R K L T D I P Y G V S

350 370
 aagccgctatgggtccccggacgggtgaatcgattctgggtcactatcagt
 K P L W S P D G E S I L V T I S

390 410 430
 ttgggagagggggaaagcattgatgaccgagaaaaaacagagcaggac
 L G E G E S I D D R E K T E Q D

450 470
 agctatgaacctgttgaagtgcaggcctctcctacaaacgggacggc
 S Y E P V E V Q G L S Y K R D G

490 510 5
 aaagggtgacgagaggtgcgtatgccagcttgtgcttgtcagcgta
 K G L T R G A Y A Q L V L V S V

30 550 570
 aagtcgggtgagatgaaagagctgacaagtcacaaagctgatcatggt
 K S G E M K E L T S H K A D H G

FIG. 1A-1

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APPROVED	O.G. FIG.	
	CLASS	SUBCLASS
BY	DRAFTSMAN	

590 610
gacccctgctttttctcctgacggcaaagtggcttgttttctcagcta
D P A F S P D G K W L V F S A N

630 650 670
ttaactgaaacagatgatgccagcaagccgcatgatgtttacataatg
L T E T D D A S K P H D V Y I M

FIG. 1A-2

690 710
tcactggagctctggagatcttaagcagggttacacctcatcgcggtca
S L E S G D L K Q V T P H R G S

730 750 7
ttcggatcaagctcattttcaccagacggaagggtatcttgctttgctt
F G S S S F S P D G R Y L A L L

70 790 810
ggaaatgaaaaggaatatagaatgctacgctctcaaaggcgtggctc
G N E K E Y K N A T L S K A W L

830 850
tatgatatcgaacaaggccgctcacatgtcttactgagatgctggac
Y D I E Q G R L T C L T E M L D

870 890 910
gttcatttagcggatgctgctgattggagattcattgatcggtgggtgct
V H L A D A L I G D S L I G G A

930 950
gaacagcgcccgatttggacaaaggacagccaagggttttatgtcatc
E Q R P I W T K D S Q G F Y V I

970 990 10
ggcacagatcaaggcagtagcggcatctattatatttcgattgaaggc
G T D Q G S T G I Y Y I S I E G

10 1030 1050
cttggtatccgattcgtctggaaaaagagtacatcaatagcttttct
L V Y P I R L E K E Y I N S F S

1070 1090
ctttcacctgatgaacagcactttattgccagtgtgacaaagccggac
L S P D E Q H F I A S V T K P D

FIG. 1B-1

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1110 1130 1150
agaccgagtgagctttacagtatccccgcttggacaggaagagaaacag
R P S E L Y S I P L G Q E E K Q

1170 1190
ctgactggcgcgcaatgacaagtttgtcagggagcatatcatcaata
L T G A N D K F V R E H T I S I

1210 1230 12
cctgaagagattcaatatgctacagaagacggcggtgatggatgaacggc
P E E I Q Y A T E D G V M V N G

50 1270 1290
tggctgatgaggcctgcacaaatggaaggtgagacaacatatccactt
W L M R P A Q M E G E T T Y P L

1310 1330
attcttaacatacacggcggtccgcatatgatgtacggacatacatat
I L N I H G G P H M M Y G H T Y

1350 1370 1390
tttcatgagtttcagggtgctggcgcgaaaggatacgcgggtcgtttat
F H E F Q V L A A K G Y A V V Y

FIG._1B-2

1410 1430
atcaatccgagaggaagccacggctacgggcaggaatttgtgaatgcg
I N P R G S H G Y G Q E F V N A

1450 1470 14
gtcagaggagattatgggggaaaggattatgacgatgtgatgcaggct
V R G D Y G G K D Y D D V M Q A

90 1510 1530
gtggatgaggctatcaaacgagatccgcatattgatcctaagcggctc
V D E A I K R D P H I D P K R L

1550 1570
ggtgtcacggcggaagctacggagggttttatgaccaactggatcgctc
G V T G G S Y G G F M T N W I V

1590 1610 1630
gggcagacgaaccgcttttaaagctgccgttaccagcgctcgatatca
G Q T N R F K A A V T Q R S I S

FIG._1C-1

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APPROVED	O.G. FIG.	
	BY	DRAFTSMAN
	CLASS	SUBCLASS

1650 1670
aattggatcagcttttcacggcgctcagtgatatcggctattttctttaca
N W I S F H G V S D I G Y F F T

1690 1710 17
gactggcagcttgagcatgacatgttttgaggacacagaaaagctctgg
D W Q L E H D M F E D T E K L W

30 1750 1770
gaccggtctccttttaaaatacgcagcaaacgtggagacaccgcttttg
D R S P L K Y A A N V E T P L L

1790 1810
atactgcatggcgagcgggatgaccgatgcccgatcgagcaggcggag
I L H G E R D D R C P I E Q A E

1830 1850 1870
cagctgttttatcgctctgaaaaaatgggcaaggaaaccaagcttgctc
Q L F I A L K K M G K E T K L V

1890 1910
cgttttccgaatgcatcgcacaatttatcacgcaccggacacccaaga
R F P N A S H N L S R T G H P R

1930 1950 19
cagcggatcaagcgctgaattatatcagctcatggtttgatcaacat
Q R I K R L N Y I S S W F D Q H

70
ctc
L

FIG._1C-2

APPROVED	O.G. FIG.	CLASS	SUBCLASS
BY			
DRAFTSMAN			

FIG.-2A

dap2_yeast 170 180 190 200 210 220
WRHSTFGSYFVYDKSSSSFEIEGNEVALAIWSPNSNDIAYVQDN-NIYIYSAISKKTIRA
YUXL 10 20 30 40 50
MKKLITADDITAIVSVTDPQYAPDGTAAAYKVSQVQNEKDSYTSNIWIYE

dap2_yeast 230 240 250 260 270 280
VTNDGSSFLFNGKPDWVYEEVFEDDKAAWWSPTGDYLAFLKIDSEVGEFIIPYVYVQDE
YUXL 60 70 80 90
TKTGGSV-----P-WTHGEKRSTDPR---WSPDGRTLAFISDREGDAAQL---YIMSTE

dap2_yeast 290 300 310 320 330
KDIYPEMRSIKYPKSG---TPNPHAEWLWVYSMKDGTSFHPRISGNKKDG--SLLITEVTW
YUXL 100 110 120 130 140 150
GGEARKLTIPYGVSKPLWSPDGESILVTISLGEGESIDDR-EKTEQDSYEPVEVQGLSY

dap2_yeast 340 350 360 370 380 390
VGNGNVLVKTDRSSDILTFLIDTIAKTSNVVRNE---SSNGGWWEITHTLFIPANE
YUXL 160 170 180 190 200 210
KRDGKGLTRGAYAQLVLVSVKSGEMKELTSHKADHGDPAFSPDGKWLVSAN---LTETD

dap2_yeast 400 410 420 430 440
TFDRPHNGYVDILPIGGYN---HLAYFENSNS---HYKTLTEGKWEVUNGPLA----F
YUXL 220 230 240 250 260 270
DASKPHDVYIMSLESGLKQVTPHRCGSGSSSFSPDGRYLALLGNEKEYKNATLSKAWLY

dap2_yeast 450 460 470 480 490
DSMENRLYFISTRKSSTERHVVYID-LRSPNEIEVTDTSDDGVYDVFSFGRRFGL--L
YUXL 280 290 300 310 320 330
DIEQGRLTCLTEMLDVHLADALIGDSLIGGAEQRPWTCKDSQGFYVIGTDQGST-GIYYI

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

[illegible]

TXNL

TXNL

dap2 yeast

dap2 yeast

dap2 yeast

YUXI

dap2 yeast

TXNL

! : ! ! ! ! !
K E T K L V R - F P N A S H N L S R T G H P R Q I K R L N Y I S S W F D Q H L
60 630 640 650

FIG. 2B

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

[illegible]

yuxl.bsuep	380	390	400	410	420	430	439
	QEEKQLTGANDK	FVREHTIS	IPEEIQYATEDG	VNVNGWLMRPAQMEGETTYPLILNIHGG			
		:	: : :	: : : :	: : : :	: : : :	
YTMA	MIVEKRRFPSPSQHVRLYTIC	YLSNGLRVKGLLAEPAE-PGQ--YDGF	LYLRGG				
	10	20	30	40	50		
yuxl.bsuep	440	450	460	470	480	490	
	PHMMYGHTYFHEFQVLAAKG	YAVVINPRGSHG-YGQE	FVNAV	RGDYGGKDYYDDVMQA	VD		
	:	: : : : :	: : : :	: : : :	: : : :	: : : :	
YTMA	I KSV-GMVRPGR	IIQFASQG	VFVFAPEYRGNQGGEGNE-----DFAGEDRED	AESA	F-		
	60	70	80	90	100		
yuxl.bsuep	500	510	520	530	540	550	
	EAIKRDPHIDPKRLGV	TGSGYGFM	TNWIVGQTNR	FKAADV	TORSISN	WISFHGVS	DIGYF
	:	:: : : : :	: : : :	: : : :	: : : :	: : : :	
YTMA	RLLQQHPNVKKDR	IHF	GFSRGIM-----GMLTAIEMGGQAASFVSW---GGVSD	MILT			
	110	120	Ser	130	140	150	
yuxl.bsuep	560	570	580	590	600		
	FTDWQLEHDM	FEDT-----EKLWDRS	PLKYAANVETPLLILHGERDDRCPIEQAE				
	:	: : : : :	: : : :	: : : :	: : : :	: : : :	
YTMA	YEERQDLRRMMKRV	IGGTPKKVP	EYEQW-RTPF	DQVNKIQA	PVLLIHGEK	DQNVSIOHSY	
	160	170	180	190	200	210	
					Asp		
yuxl.bsuep	610	620	630	640	650		
	QLFIALKKM	GKETKLV	RFPNASHNL	SRGTGHPRQR	KRLNYISSWF	DQHL	
		: : : : :	: : : :	: : : :	: : : :	: : : :	
YTMA	LLEEKLQ	LHKPVETWY	STFTHYFP----				

FIG. 3

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
GRAFTSMAN		

[illegible]

yux1.bsupep
 PEEIQYATEDGMVNVGWLMPAQMEGETTYPLILNIHGPPHMYGHTYFHEFQVLAAGKY
 410 420 430 440 450 460
 YITV
 MIQENQTVSGIPFLHIVKEENRHRAPVPLVFIHGFTSAKE-HN-LHIAYLLAEKGF
 10 20 30 40 50

```

470      480      490      500      510
yyux1.bsupep  AVVYNPRGSHGYGQEFVNAVVRGDYGGKDYDDVMQAVDEA-----IKRDPHIDPKRLGV
              :|  |:: | :|:: : : :| :|:: :|  |:: :|
YITV          RAVL--PEALH-HGERGEEMAVEELAGHFWDIVLNEIEEIGVLKNHFEKEGLIDGGRIGL
              60      70      80      90      100      110

```

yuxl.bsupep
 TGGSYGGFMTNWIVGQTNREKAAVTQRSISNWSIFHGVSDIGYFFTDWQLEHDMFED-TE
 :| |:|: | : :|:|: : |:|: : |:|: : |:|: : |:|: : |:|: : |:|: :
 AGTSMGGITTLGALTAYDWIKAGVSLMGSPNYVELFQ-QQIDHI-QSQGIEIDVPEEKVQ
 Ser¹ 120 130 140 150 160 170

yux1.bsupep
 KLWDRSPLKYAANV-----ETPLLILHGERDDRCPIEQAEQLFIALKKMGKET-----KLW
 :| | | : : ||| : | : : : : | : : : :
 QLMKRLELRDLSLQPEKLRPLFWHGAKDKVVPYAPTRKFYDTIKSHYSEQPERLQFI
 180 190 200 200↑Asp 210 220 230

yuxl.bsuep RFPNASHNLSTGHPQRQIKRLNYISSWFDQHL
YITV GDENADHKV-----PRAAV--LKTIE-WFETYL

630 640 650

||:|:: || : | : | ||:|
↑His 240 250

FIG. 4

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

yux1.bsupep
 390 400 410 420 430 440
 TGANDKFVREHTISIPEEIQYATEDGVMVNGWLMRPAQMEGETTYPLILNIHGGP-HMMY
 YQKD
 IIKRETDNGHDVFESFEQMEKTA FVIPSAYGYDIKGYHVAPHDTPNTIIICHGVTMNVLN
 40 50 60 70 80 90

[illegible]

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510      520      530      540      550      559
yux1.bsupep PHIDPKRLGVTGSGYGGFMTNWIVGQ-----TNRFKAAVTQRSISNWI SFHGVSDIGYFF
|      :|:| |:|: : :| : : : : : : : :| :
YQKD NHRG--LIGIHGESMGAVTALLYAGAHCSGDGADFYIADCPFACFDEQLAYRLRAE--YRL
150      160      170      180      190      200

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      ↑Ser
560          570    580    590    600    610
yuxl.bsupep TDWQLEH--DMFEDTE---KLWDRSPLKYAANVETPLLILHGERDDRCPIEQAEQLFIAL
           :| | | |:| :   : ||| :|| |:|::|::| | |:|::|::|
YQKD         PSWPLLPIADFFLKRGGYRAREVSPLAVIDKIEKPVLFIHSKDDDDYIPVSSTERLY--E
           210    220    230    240    250    260

```

yux1.bsuep
KKMGKETLVRFPNASHNLSRTGHPQRQRIKRLNYISSWFDQHL
|| :: : | : | : |

YQKD KKRGP KALYIA-ENGEHAMS YTKNRH TYRKT VQEEFLDNMNDSTE
270 280 290 300
↑ His

FIG. 5

APPROVED	O.G. FIG.
BY	CLASS
DRAFTSMAN	SUBCLASS

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yux1.bsupep      330      340      350      360      370      379
GTDQGSTGIYYISIEGLVYPIRLEKEYINSFSLSPDE-QHFIAVTKPDRPSELYSIPLG
      10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
CAH      MQLFDLPLDQLQTYKPEKTAPKDFSEFWKLSLE
      10 20 30

yux1.bsupep      380      390      400      410      420      430
QEEKQLTGANDKFFVREHTISIP-EEIQYATEDGVNVGWLMPAQMEGETTYPLILNIHG
      10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
CAH      ELAKVQAEPLQPDVPADGVKVYRLTYKSFGNARITGWYAVPK-EGP--HPAIVKYHG
      40 50 60 70 80 90

yux1.bsupep      440      450      460      470      480
GPHMMYGHTYFHEFQVLAAGYAV-----VYINPRGSHGYGQEFVNAVGRD-
      10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
CAH      YNASYDGE--IHEMVNVALHGYATFGMLVRGQSSSEDTSSPHG-HALGWMTKGILDKDT
      100 110 120 130 140

yux1.bsupep      490      500      510      520      530      540
--YGGKDYDDVMQAVDEAIKRDPHIDPKRLGVGTGSGYGGEMTNWIVGQTNREKAAVTQRS
      10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
CAH      YYRGRV-YLDAVRAL-EVISSFDEVDETRIGVTGSGQGGLTIAAALS DIPKAAVADYP
      150 160 170 180 190 200

yux1.bsupep      550      560      570      580      590
-ISNWISFHGVS-----DIGYFFTDWQLEHDMFEDTEKLWDRSPLKYAANVETPLLILH
      10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
CAH      YLSNFERAIDVALEQPPYLEINSEFRRNGSPETEVAQAMKTLTSYFDIMNLADRVKVPVLMISI
      210 220 230 240 250 260

yux1.bsupep      600      610      620      630      640      650
GERDDRCPIEQAEQLFIALKKM--GKETKLVRFPNASHNLSRTGHPRQRIKRLNYISSWF
      10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
CAH      GLIDKVTTP---PSTVFAAYNHLETKKELKVRYRFGHEYIPAFQTEKLAFFKQHLKG
      270 280 290 300 310
      ↑Asp      ↑His
  
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O.G. FIG.	CLASS	SUBCLASS
	BY	DRAFTSMAN

10 30
ttgattgtagagaaaagaagatttccgtcgccaagccagcatgtgcgt
L I V E K R R F P S P S Q H V R

50 70 90
ttgtatacgatctgctatctgtcaaattggattacgggttaaggggctt
L Y T I C Y L S N G L R V K G L

110 130
ctggctgagccggcggaaccgggacaatatgacggatttttatatttg
L A E P A E P G Q Y D G F L Y L

150 170 190
cgcgggcgggattaaaagcgtggggcatgggttcggccggggccggattatc
R G G I K S V G M V R P G R I I

210 230
cagtttgcaccccaagggtttgtgggtgtttgctcctttttacagagggc
Q F A S Q G F V V F A P F Y R G

250 270 2
aatcaaggaggagagaaggcaatgaggattttgccgggagaagacagggag
N Q G G E G N E D F A G E D R E

90 310 330
gatgcattttctgcttttcgcctgcttcagcagcacccaaatgtcaag
D A F S A F R L L Q Q H P N V K

350 370
aaggatagaatccatatcttcgggtttttcccgcggcggaattatggga
K D R I H I F G F S R G G I M G

390 410 430
atgctcactgcgatcgaaatggggcgggcaggcagcttcatttgtttcc
M L T A I E M G G Q A A S F V S

450 470
tggggaggcgtcagtgatgatattcttacatacaggagcggcaggat
W G G V S D M I L T Y E E R Q D

490 510 5
ttgcggcgaatgatgaaaagagtcacgcggcggaacaccgaaaaaggtg
L R R M M K R V I G G T P K K V

30 550 570
cctgaggaatatcaatggaggacaccgtttgaccaagtaaacaatt
P E E Y Q W R T P F D Q V N K I

FIG. 7A

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O.G. FIG.	
APPROVED	CLASS / SUBCLASS
BY	
DRAFTSMAN	

590 610
 caggctcccggtgctgtttaatccatggagaaaaagaccaaaatgtttc
 Q A P V L L I H G E K D Q N V S

630 650 670
 attcagcattcctattttattagaagagaagctaaaacaactgcataag
 I Q H S Y L L E E K L K Q L H K

690 710
 ccggtggaaacatggtactacagtacattcacacattattttcccgcca
 P V E T W Y Y S T F T H Y F P P

730 750 7
 aaagaaaaccggcggtatcggtgcggcagctcacacaatggatgaaaaac
 K E N R R I V R Q L T Q W M K N

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 cgc
 R

FIG._7B

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O.G. FIG.	CLASS	SUBCLASS
	APPROVED BY	DRAFTSMAN

10 30
 gtgatacaaattgagaatcaaaccgtttccggtattccgtttttacat
 V I Q I E N Q T V S G I P F L H

50 70 90
 attgtaaaggaagagaacaggcaccgcgctgttcctctcgtgatcttt
 I V K E E N R H R A V P L V I F

110 130
 atacatgggttttacaagcgcgaaggaacacaaccttcatttgcttat
 I H G F T S A K E H N L H I A Y

150 170 190
 ctgcttgccggagaagggttttagagccgttctgccggaggcctttgcac
 L L A E K G F R A V L P E A L H

210 230
 catggggaacggggagaagaaatggctgttgaagagctggcggggcat
 H G E R G E E M A V E E L A G H

250 270 2
 ttttgggatatcgctcctcaacgagattgaagagatcggcgacttaaa
 F W D I V L N E I E E I G V L K

90 310 330
 aaccattttgaaaaagagggcctgatagacggcgccgcacatcggtctc
 N H F E K E G L I D G G R I G L

350 370
 gcaggcacgtcaatggggcgccatcacaacgcttggcgctttgactgca
 A G T S M G G I T T L G A L T A

390 410 430
 tatgattggataaaaagccggcgtcagcctgatgggaagcccgaattac
 Y D W I K A G V S L M G S P N Y

450 470
 gtggagctgtttcagcagcagattgaccatattcaatctcagggcatt
 V E L F Q Q Q I D H I Q S Q G I

490 510 5
 gaaatcgatgtgccggaagagaagggtacagcagctgatgaaacgtctc
 E I D V P E E K V Q Q L M K R L

30 550 570
 gagttgcgggatctcagccttcagccggagaaactgcaacagcgcccg
 E L R D L S L Q P E K L Q Q R P

FIG. 8A

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O.G. FIG.		CLASS	SUBCLASS
APPROVED	BY	DRAFTSMAN	

590 610
ctttttatgttggtcacggcgcaaaagataaagtgtgccttacgcgcgcg
L L F W H G A K D K V V P Y A P

630 650 670
accggaatttttatgacacgattaaatcccattacagcgagcagccg
T R K F Y D T I K S H Y S E Q P

690 710
gaacgcctgcaattttatcggagatgaaaacgctgaccataaagtcccg
E R L Q F I G D E N A D H K V P

730 750
cgggcagctgtgttaaaaaacgattgaatggtttgaaacgtactta
R A A V L K T I E W F E T Y L

FIG. 8B

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O.G. FIG.	CLASS SUBCLASS	
	APPROVED BY	DRAFTSMAN

10 30
ttgaagaaaatccttttggccattggcgcgctcgtaacagctgtcatc
L K K I L L A I G A L V T A V I

50 70 90
gcaatcggaattgttttttcacatatgattctattcatcaagaaaaa
A I G I V F S H M I L F I K K K

110 130
acggatgaagacattatcaaaagagagacagacaacggacatgatgtg
T D E D I I K R E T D N G H D V

150 170 190
tttgaatcatttgaacaaatggagaaaaccgcttttgtgataccctcc
F E S F E Q M E K T A F V I P S

210 230
gcttacgggtacgacataaaaggataccatgtcgcaccgcatgacaca
A Y G Y D I K G Y H V A P H D T

250 270 2
ccaaataccatcatcatctgccacggggtgacgatgaatgtactgaat
P N T I I I C H G V T M N V L N

90 310 330
tctcttaagtatatgcattttatttctagatctcggctggaatgtgctc
S L K Y M H L F L D L G W N V L

350 370
atztatgaccatcgccggcatggccaaagcggcggaagacgaccagc
I Y D H R R H G Q S G G K T T S

390 410 430
tacggggttttacgaaaaggatgatctcaataagggttgtcagcttgctc
Y G F Y E K D D L N K V V S L L

450 470
aaaaacaaaacaaatcatcgcggttgatcggaattcatgggtgagtcg
K N K T N H R G L I G I H G E S

490 510 5
atggggggccgtgaccgccttgctttatgctgggtgcacactgcagcgat
M G A V T A L L Y A G A H C S D

30 550 570
ggcgctgatttttatattgccgattgtccggttcgcatgttttgatgaa
G A D F Y I A D C P F A C F D E

FIG. 9A

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APPROVED BY DRAFTSMAN	U.G. FIG.
	CLASS SUBCLASS

590 610
cagcttgccctatcggctgagagcgggaatacaggctcccgtcttgcccc
Q L A Y R L R A E Y R L P S W P

630 650 670
ctgcttcctatcgccgacttctttttgaagctgaggggaggctatcgc
L L P I A D F F L K L R G G Y R

690 710
gcacgtgaagtatctccgcttgctgtcattgataaaaattgaaaagccg
A R E V S P L A V I D K I E K P

730 750 7
gtcctcttttattcacagtaaggatgatgactacattcctgtttcttca
V L F I H S K D D D Y I P V S S

70 790 810
accgagcgggctttatgaaaagaaacgcgggtccgaaagcgctgtacatt
T E R L Y E K K R G P K A L Y I

830 850
gccgagaacggtgaacacgccatgtcatataaccaaaaatcggcatacgc
A E N G E H A M S Y T K N R H T

870 890 910
taccgaaaaacagtgagggagtttttagacaacatgaatgattcaaca
Y R K T V Q E F L D N M N D S T

gaa
E

FIG._9B